AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

- 1. 16. (Cancelled)
- 17. (Original) A bonded magnet manufactured by mixing magnetic powder with a binding resin and then subjecting the mixture to compaction molding, in which the magnetic powder is composed of a R-TM-B based alloy having at least one element selected from Ti, CR, Nb, Mo, Hf, W, Mn, Zr and Dy (where R is at least one kind of rare-earth element excepting Dy, and TM is a transition metal mainly containing Fe), the bonded magnet being characterized in that when a density of the bonded magnet is $\rho[Mg/m^3]$, the maximum magnetic energy product $(BH)_{max}[kJ/m^3]$ of the bonded magnet at a room temperature satisfies the relationship represented by the formula of $(BH)_{max}/\rho^2[x10^{-9}Jm^3/g^2] \geq 2.40$, and the intrinsic coercive force H_{CJ} of the bonded magnet at a room temperature is in the range of 400 750 kA/m.
- 18. (Original) The bonded magnet as claimed in claim 17, wherein the remanent magnetic flux density Br[T] of the bonded magnet at a room temperature satisfies the relationship represented by the formula of Br/ ρ [x10⁻⁶Tm³/g] \geq 0.125.
- 19. (Original) A bonded magnet manufactured by mixing magnetic powder with a binding resin, and then subjecting the mixture to compaction molding, wherein the

magnetic powder being composed of an R-TM-B based alloy having at least one element selected from Ti, Cr, Nb, Mo, Hf, W, Mn, Zr and Dy (where R is at least one kind of rare-earth element expecting Dy and TM is a transition metal mainly containing Fe), the bonded magnet being characterized in that when the density of the bonded magnet is $\rho[Mg/m^3]$, the remanent magnetic flux density Br[T] of the bonded magnet at a room temperature satisfies the relationship represented by the formula of Br/ $\rho[x10^{-6}Tm^3/g] \ge 0.125$, and the intrinsic coercive force H_{CJ} of the bonded magnet at a room temperature is in the range of 400 - 750 kA/m.

- 20. (Original) The bonded magnet as claimed in claim 17, wherein the magnetic powder is composed of an alloy composition represented by $R_x(Fe_{1-a}Co_a)_{100-x-y-z}B_yM_z$ (where R is at least one kind of rare-earth element excepting Dy, M is at least one kind of element selected from Ti, Cr, Nb, Mo, Hf, W, Mn, Zr and Dy, x is 7.1 9.9at%, y is 4.6 8.0at%, z is 0.1 3.0at%, and a is 0 0.30, and the magnetic powder is constituted from a composite structure having a soft magnetic phase and a hard magnetic phase.
- 21. (Original) The bonded magnet as claimed in claim 17, wherein the compaction molding is carried out under the temperature that the binding resin is melted or softened.
- 22. (Original) The bonded magnet as claimed in claim 17, wherein the maximum magnetic energy product (BH)_{max}[kJ/m³] is equal to or greater than 50kJ/m³.

23. (Original) The bonded magnet as claimed in claim 16, wherein the absolute value of the irreversible flux loss (initial flux loss) is equal to or less than 6.2%.

24. – 34. (Cancelled)

- 35. (Original) The bonded magnet as claimed in claim 19, wherein the magnetic powder is composed of an alloy composition represented by $R_x(Fe_{1-a}Co_a)_{100-x-y-z}B_yM_z$ (where R is at least one kind of rare-earth element excepting Dy, M is at least one kind of element selected from Ti, Cr, Nb, Mo, Hf, W, Mn, Zr and Dy, x is 7.1 9.9at%, y is 4.6 8.0at%, z is 0.1 3.0at%, and a is 0 0.30, and the magnetic powder is constituted from a composite structure having a soft magnetic phase and a hard magnetic phase.
- 36. (Original) The bonded magnet as claimed in claim 19, wherein the compaction molding is carried out under the temperature that the binding resin is melted or softened.
- 37. (Original) The bonded magnet as claimed in claim 19, wherein the maximum magnetic energy produce $(BH)_{max}[kJ/m^3]$ is equal to or greater than $50kJ/m^3$.
- 38. (Original) The bonded magnet as claimed in claim 17, wherein the absolute value of the irreversible flux loss (initial flux loss) is equal to or less than 6.2%.